

EMC VERIFICATION SUMMARY

Report No. HK08040395-1(R1)

Superseded report no. HK08040395-1 dated 8 April, 2008

☐ Electric household products☐ ITE☒ Others DECT Phone

Model : CL-3333

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Xingtel Building, Chuangxin Road,
Torch Hi-Tech Industrial District,
Xiamen, China.

Product Description : DECT Phone

Sample Receipt Date : 11 February, 2008

Test Conducted Date : 12 February, 2008 to 7 April, 2008

☒ 1st TEST☐ 2nd TEST (after modification)ALL TESTS WERE CONDUCTED IN
ACCORDANCE WITH:

- * ETSI EN 301 489-6 (EN55022) : 2002
- * ETSI EN 301 489-6 (EN61000-3-3) : 2002
- * ETSI EN 301 489-6 (EN61000-4-2) : 2002
- * ETSI EN 301 489-6 (EN61000-4-3) : 2002
- * ETSI EN 301 489-6 (EN61000-4-4) : 2002
- * ETSI EN 301 489-6 (EN61000-4-5) : 2002
- * ETSI EN 301 489-6 (EN61000-4-6) : 2002
- * ETSI EN 301 489-6 (EN61000-4-11) : 2002

Test Result	OK	Not OK	See Remark	Test Result	OK	Not OK	See Remark
EN55022 : 1998+A1+A2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN61000-4-4 : 2004	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EN61000-3-2 : 2006	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN61000-4-5 : 2006	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EN61000-3-3 : 1995+A1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN61000-4-6 : 1996+A1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EN61000-4-2 : 1995+A1+A2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN61000-4-11 : 1994+A1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EN61000-4-3 : 2006	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

When determining the test conclusion, the Measurement Uncertainty of test has been considered.

Prepared and Checked by:**Approved by:****Sign On File****Ken Sit****Supervisor****Intertek Hong Kong****Signature****Leung Wai Leung, Tommy****Senior Manager****Intertek Hong Kong****10 April, 2008****Date**

- The test report only allows to be revised within three years from its original issued date unless further standard or the requirement was noticed.
- This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

EMC Results Conclusion (with Justification)

RE: EMC Testing Pursuant to R&TTE Directive 1999/5/EC Performed On the
DECT Phone,
Model: CL-3333

We tested the DECT Phone, Model: CL-3333, to determine if it was in compliance with the relevant EN standards as marked on the EMC Verification Summary. We found that the unit met the requirement of EN 301 489-6 standard when tested as received.

The EN 301 489-6, together with EN 301 489-1, covers the assessment of Digital Enhanced Cordless Telecommunications (DECT) Equipment and associated ancillary equipment, in respect of Electro Magnetic Compatibility (EMC). In case of differences, the provisions of EN 301 489-6 take precedence.

The production units are required to conform to the initial sample as received when the units are placed on the market.

Standard against which no testing has been conducted of the captioned model and the engineering judgement is stated as follow:

EN 61000-3-2 According to EN 61000-3-2 : 2006 clause 7, equipment with a rated power less than or equal to 75W is deemed to fulfil all relevant requirements of this standard without testing.

Ctrl. No.: 1.2.1

INTERTEK TESTING SERVICES

Report No.: HK08040395-1(R1)

LABORATORY MEASUREMENTS

Configuration Information

Equipment Under Test (EUT):	DECT Phone
Model:	CL-3333
Serial No.:	Not Labelled
Support Equipment:	1. Telephone Line Simulator Model: TLS-5 2. Corded Phone
Cables:	1 x 3m Telephone Line
AC-DC Adapter for Base Unit:	Input: 230VAC 50Hz 45mA Output: 9VDC 300mA 2.7VA Model: G090030D25 (Supplied by Client)
Operated Battery for Handset Unit:	3 x 1.2V 600mAh Ni-MH Rechargeable Batteries

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3333

Report No.: HK08040395-1(R1)

EN55022 RFI Voltage Test

Used Test Equipment

Equipment No.	Equipment	Manufacturer	Calibration Date	Next Calibration Due Date
EW-0015	EMI Test Receiver	R&S	09-May-07	09-May-08
EW-0992	ISN	R&S	16-May-07	16-May-08
EW-0699	Pulse Limiter	R&S	28-Nov-06	28-Dec-08
EW-1449	Three Phase Artificial Mains LISN	SCHWARZBECK	19-Dec-06	19-Jun-08

- Notes: 1. The following graph and table were recorded for the tests on the mains terminal and telecommunication ports.
2. A graph of Ctrl. No.: 3.2.1 consisting of one page and a data table of Ctrl. No.: 3.2.2 consisting of one page are attached.
3. A graph of Ctrl. No.: 3.3.1 consisting of one page and a data table of Ctrl. No.: 3.3.2 consisting of the one page are attached.

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3333
Tested Mode: Ringing
Tested Port: AC

Report No.: HK08040395-1(R1)

Scan Settings (1 Range)

Frequencies			Receiver Settings					
Start	Stop	Step	IF BW	Detector	M-Time	Atten	Preamp	OpRge
150k	30M	5k	10k	PK+AV	10ms	AUTO	LN OFF	60dB

Final Measurement: x QP / + AV

Meas Time: 1 s

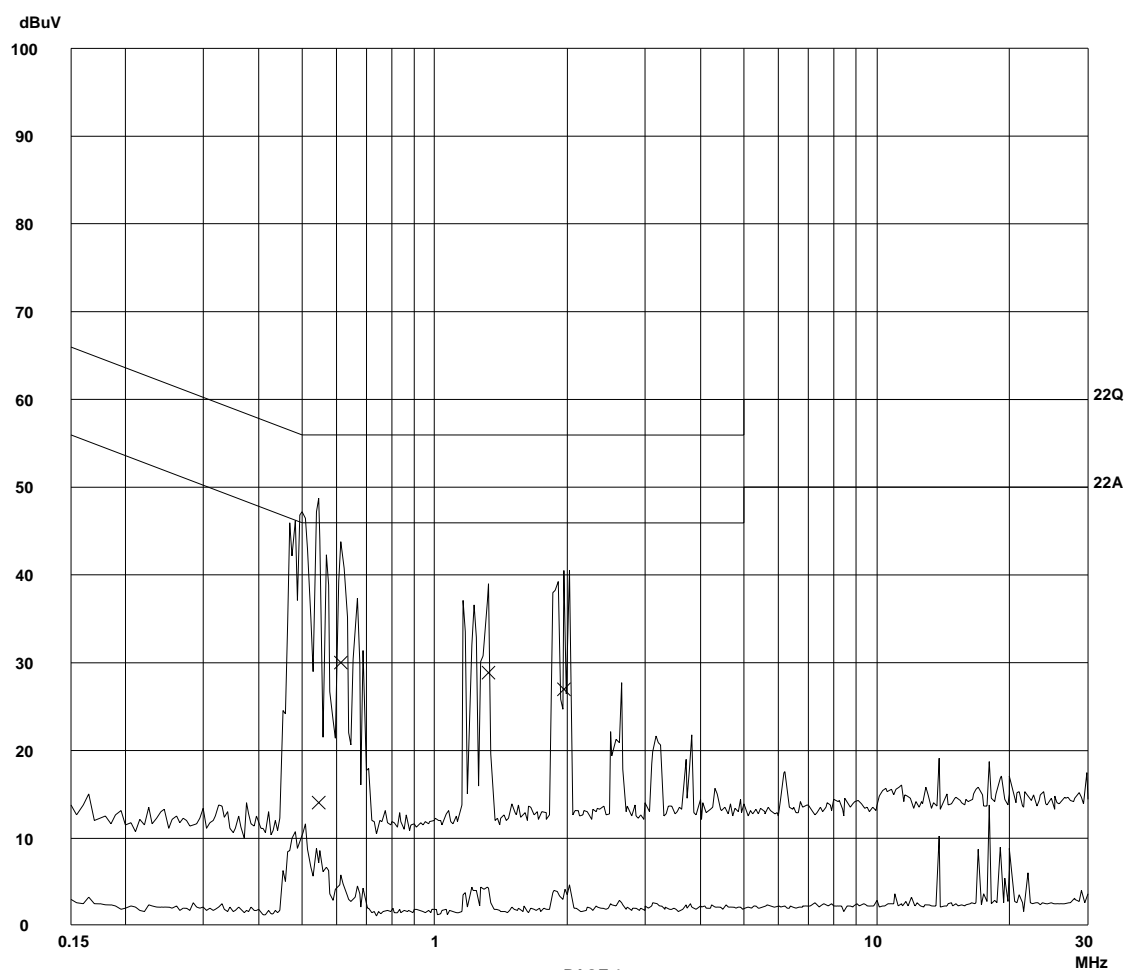
Subranges: 16

Acc Margin: 20dB

Transducer No.	Start	Stop	Name
----------------	-------	------	------

2	1	9k	30M	EW0699
---	---	----	-----	--------

12	9k	30M	EW1449
----	----	-----	--------



Ctrl. No.: 3.2.1

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3333
Tested Mode: Ringing
Tested Port: AC

Report No.: HK08040395-1(R1)

Scan Settings (1 Range)

|----- Frequencies -----||----- Receiver Settings -----|

Start	Stop	Step	IF BW	Detector	M-Time	Atten	Preamp	OpRge
150k	30M	5k	10k	PK+AV	10ms	AUTO	LN OFF	60dB

Final Measurement Results:

Frequency	QP Level	QP Limit	Delta
MHz	dBuV	dBuV	dB

0.54500	13.9	56.0	-42.1
0.61500	29.9	56.0	-26.1
1.32500	28.8	56.0	-27.2
1.96000	26.9	56.0	-29.1

Frequency	AV Level	AV Limit	Delta
MHz	dBuV	dBuV	dB

no Results

* limit exceed

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.

Report No.: HK08040395-1(R1)

Model: CL-3333

Tested Mode: Ringing

Tested Port: Telecommunication

Scan Settings (1 Range)

Frequencies			Receiver Settings					
Start	Stop	Step	IF BW	Detector	M-Time	Atten	Preamp	OpRge
150k	30M	5k	10k	PK+AV	10ms	AUTO	LN	OFF 60dB

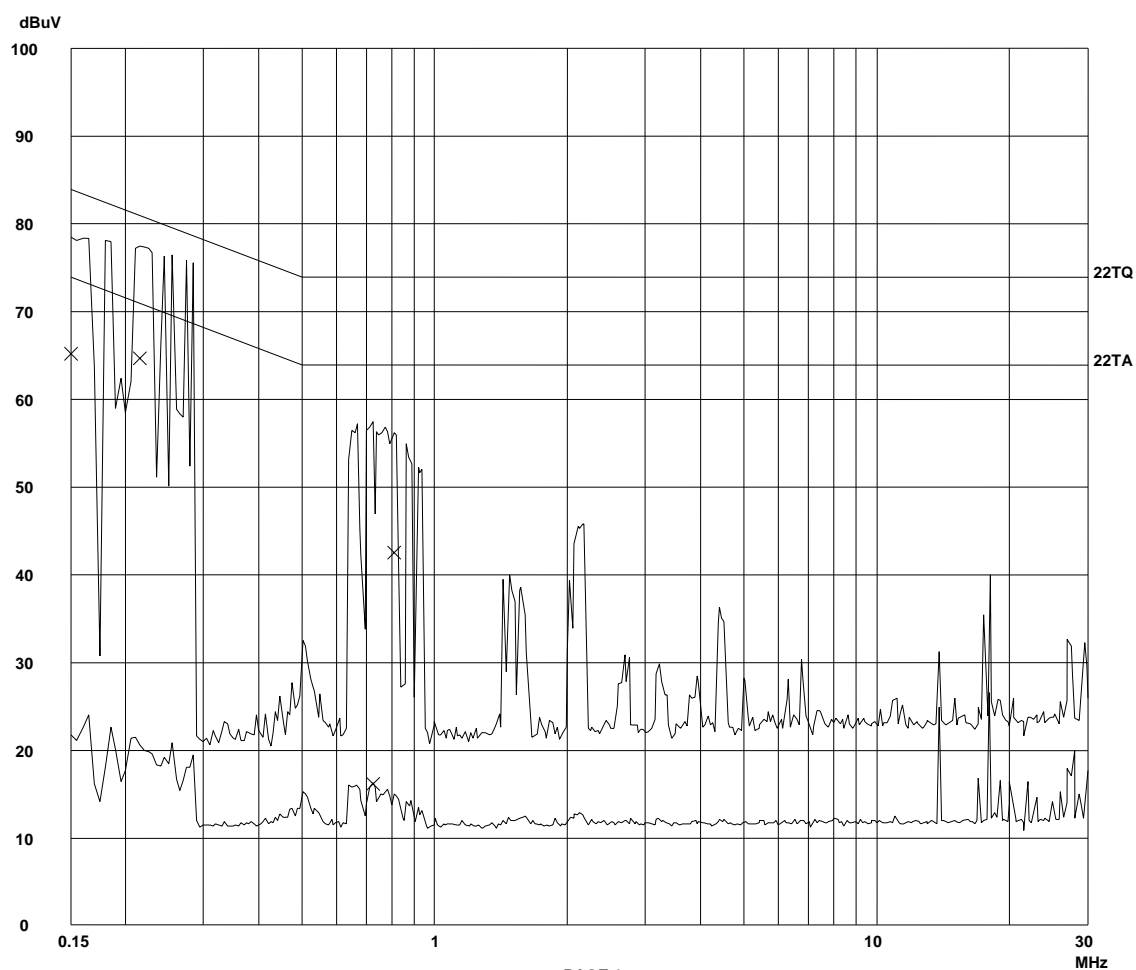
Final Measurement: x QP / + AV

Meas Time: 1 s

Subranges: 16

Acc Margin: 20dB

Transducer No.	Start	Stop	Name
1	1 9k	30M	EW0699
7	150k	30M	EW0992



PAGE 1

Ctrl. No.: 3.3.1

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.

Report No.: HK08040395-1(R1)

Model: CL-3333

Tested Mode: Ringing

Tested Port: Telecommunication

Scan Settings (1 Range)

|----- Frequencies -----||----- Receiver Settings -----|

Start	Stop	Step	IF BW	Detector	M-Time	Atten	Preamp	OpRge
150k	30M	5k	10k	PK+AV	10ms	AUTO	LN OFF	60dB

Final Measurement Results:

Frequency	QP Level	QP Limit	Delta
MHz	dBuV	dBuV	dB

0.15000	65.2	84.0	-18.8
0.21500	64.6	81.0	-16.4
0.72500	16.1	74.0	-57.9
0.81000	42.5	74.0	-31.5

Frequency	AV Level	AV Limit	Delta
MHz	dBuV	dBuV	dB

no Results

* limit exceed

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3333

Report No.: HK08040395-1(R1)

EN 61000-3-3 Voltage Fluctuations

Used Test Equipment

Equipment No.	Equipment	Manufacturer	Calibration Date	Next Calibration Due Date
EW-1448	Harmonic, Flicker and Voltage Drop Test System	SCHAFFNER	Nil*	Nil*
EW-1781	Three Power Analyzer	Voltech Instrument	19-Jun-07	19-Jun-08
EW-1782	Reference Impedance Network	Voltech Instrument	18-Jun-07	18-Jun-08

*The Equipment would be verified together with the test system before testing

Test Result

	Result	Limit
dmax (%)	0.063	4
dc (%)	0.017	3.3
d(t) > 3.3% (ms)	0	500
P _{st}	0.071	1.0
P _{lt}	N/A	N/A

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3333

Report No.: HK08040395-1(R1)

EN 61000-4-2 Electrostatic Discharge

Test Summary (Pursuant to EN 301 489-6)

Basic Standard:	EN 61000-4-2
Port:	Enclosure
Required Performance Criterion:	TT & TR
Level:	±8.0 kV (Air Discharge) ±4.0 kV (Contact Discharge) ±4.0 kV (Indirect Contact Discharge)
Time Between Each Discharge:	1 second
Test Mode:	Standby, Charging, Ringing, Handset On Line, Handsfree On Line, Incoming Caller ID, Redial
Test Setup:	Table-top
Test of Post-installation:	N/A

Used Test Equipment

Equipment No.	Equipment	Manufacturer	Calibration Date	Next Calibration Due Date
EW-2305	ESD Gun	KIKUSUI	17-Oct-07	17-Oct-08

INTERTEK TESTING SERVICES

Report No.: HK08040395-1(R1)

Test Results

EN 61000-4-2 Electrostatic Discharge

Discharge Type	Point of discharge	No. of discharge	Applied Voltage	Result (Pursuant to EN 301 489-6 criterion TT & TR)
Contact Discharge	Figure(s) 1-3	10	+4kV	OK
		10	-4kV	OK
Air Discharge	Figure(s) 1-5	10	+8kV	OK
		10	-8kV	OK
Indirect HCP Discharge	Figure(s) 6	10	+4kV	OK
		10	-4kV	OK
Indirect VCP Discharge	Figure(s) 7	10	+4kV	OK
		10	-4kV	OK

* Please refer to the attached diagram for the location of discharge.

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3333

Report No.: HK08040395-1(R1)

EN 61000-4-2 Electrostatic Discharge (Fig. 1 to 7 for Points of Discharge)

INTERTEK TESTING SERVICES

Report No.: HK08040395-1(R1)



Figure 1



Figure 2

Ctrl. No.: 7.3

Direct Air Discharge - X
Direct Contact Discharge - O

INTERTEK TESTING SERVICES

Report No.: HK08040395-1(R1)



Figure 3



Figure 4

Ctrl. No.: 7.3

Direct Air Discharge - X
Direct Contact Discharge - O

INTERTEK TESTING SERVICES

Report No.: HK08040395-1(R1)

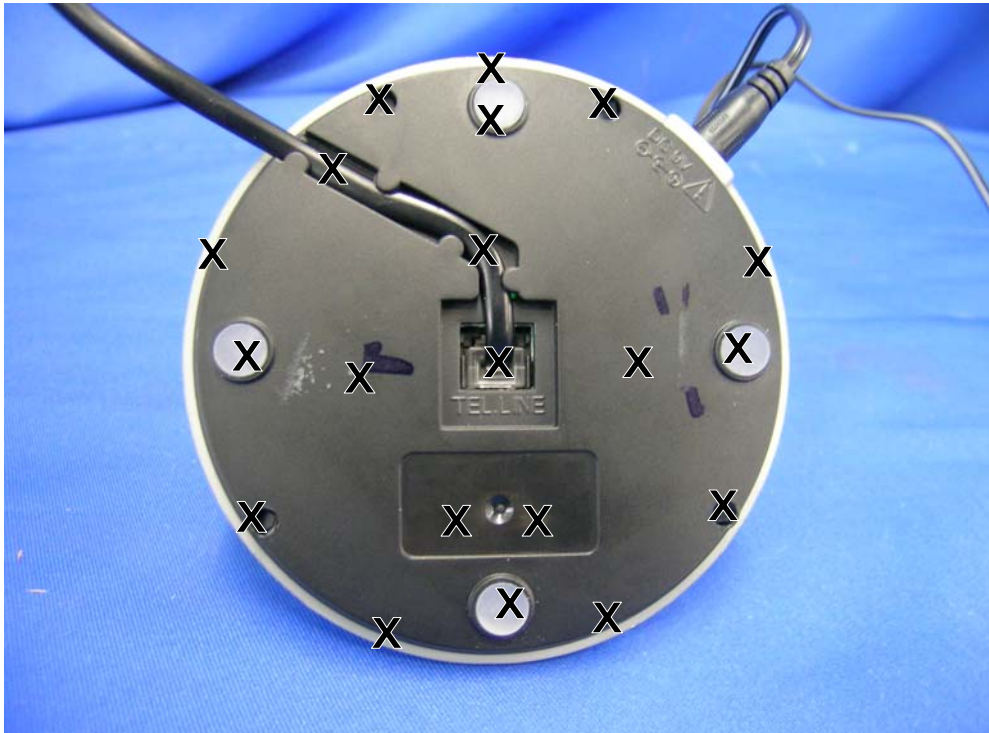


Figure 5

Ctrl. No.: 7.3

Direct Air Discharge - **X**
Direct Contact Discharge - **O**

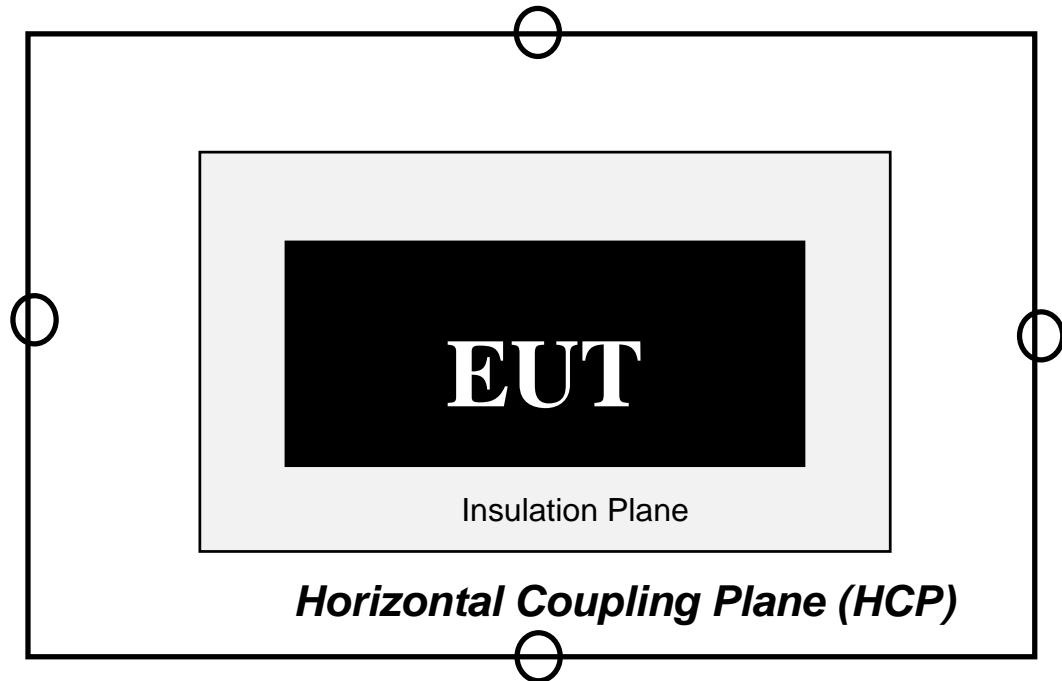


Figure 6

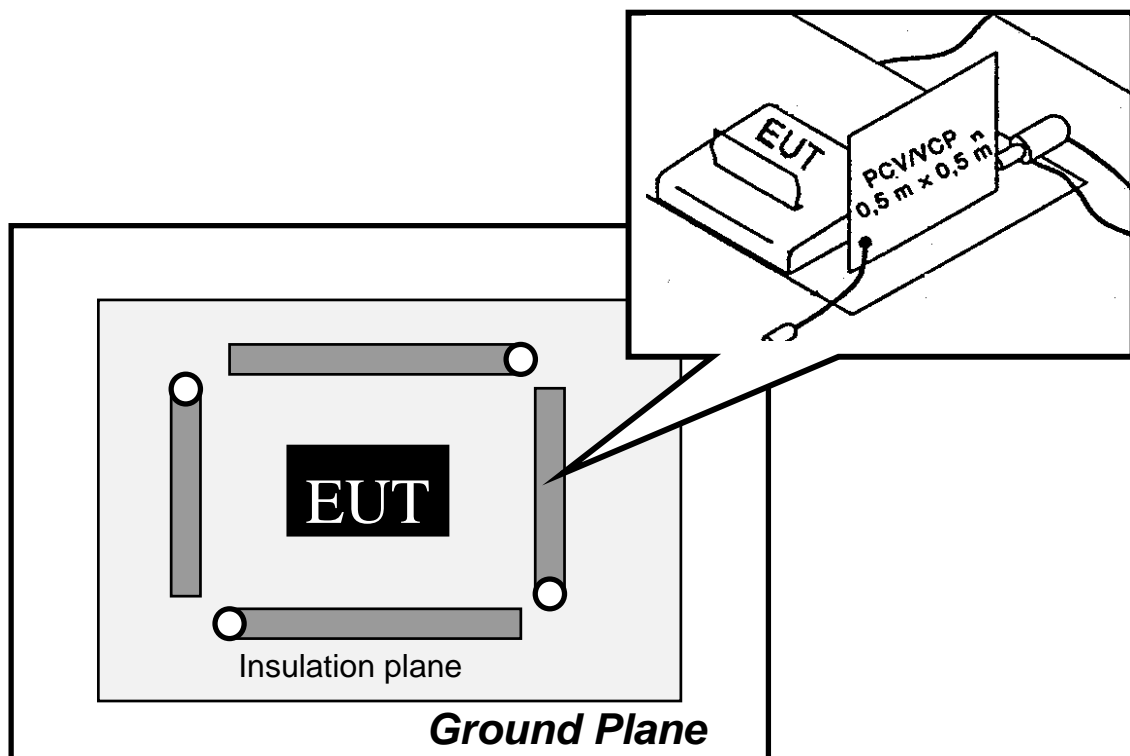


Figure 7

Ctrl. No.: 7.3

Direct Air Discharge - X
Direct Contact Discharge - O

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3333

Report No.: HK08040395-1(R1)

EN 61000-4-3 Radiated Immunity

Test Summary (Pursuant to EN 301 489-6)

Basic Standard:	EN 61000-4-3
Port:	Enclosure
Required Performance Criterion:	CT & CR
Level:	3.0 V/m (rms)
Test Modulation:	1kHz, 80% AM
Frequency:	80 MHz to 1000 MHz and 1400 MHz to 2000 MHz
Dwell Time:	1s
Frequency Step:	1%
Temperature:	22°C
Relative Humidity:	40%
Test Facility:	Full Anechoic Chamber
Antenna Polarization:	Horizontal and Vertical
Type of Antenna:	Bi-conic Log-Periodic (Hybrid)
Test Distance:	3m
Test Mode:	Standby, Charging, Ringing, Handset On Line, Handsfree On Line, Incoming Caller ID, Redial
Test Setup:	Table-top
Size of Base Unit:	10.2 (cm) x 10.2 (cm) x 10.2 (cm)
Size of Handset Unit:	12.3 (cm) x 4.6 (cm) x 2.4 (cm)

Used Test Equipment

Equipment No.	Equipment	Manufacturer	Calibration Date	Next Calibration Due Date
EW-1902	Trilog Super Broadband Test Antenna	SCHWARZBECK	Nil*	Nil*
EW-2110	RF Power Amplifier	OPHIR RF	25-Jun-07	19-Jun-08
EW-0423	Signal Generator	IFR	09-Apr-07	09-Apr-08
EW-2431	RF Power Amplifier	MILMEGA	31-Jan-08	31-Dec-08

*The Equipment would be verified together with the test system before testing

INTERTEK TESTING SERVICES

Report No.: HK08040395-1(R1)

Test Results

EN 61000-4-3 Radiated Immunity

Frequency (MHz)	Exposed Side	Field Strength (V/m)	Result (Pursuant to EN 301489-6 meet CT & CR)
80 to 1000 1400 to 2000	Front	3V/m (rms)	OK
80 to 1000 1400 to 2000	Left	3V/m (rms)	OK
80 to 1000 1400 to 2000	Rear	3V/m (rms)	OK
80 to 1000 1400 to 2000	Right	3V/m (rms)	OK

☒ Additional Information

- ☐ No observable change
- ☐ The communication link of EUT could / could not be maintained and could / could not be recoverable by operator.
- ☐ EUT stopped operation and could / could not be reset by operator.
- ☐ EUT was in abnormal operation:
- operation mode was changed from ____ to ____ at ____ V/m.
- ☒ The speech output signal level was monitored during test and was found to be at least 35dB less than the reference level recorded before the start of the test.
- ☒ The BER was found to be less than 1×10^{-3} during the test.

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.

Report No.: HK08040395-1(R1)

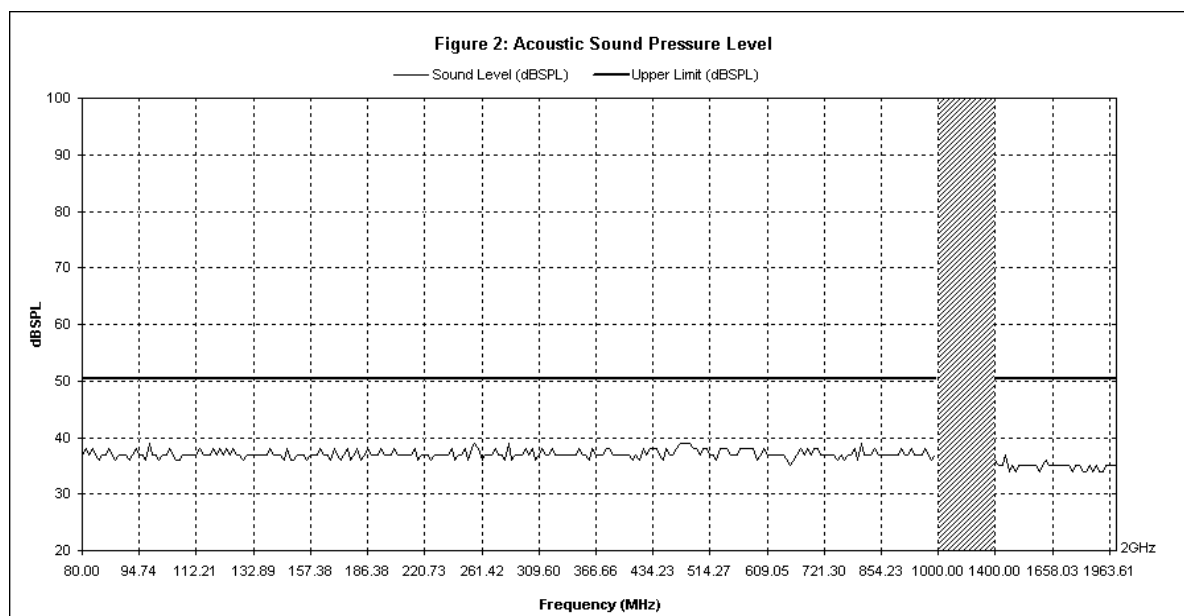
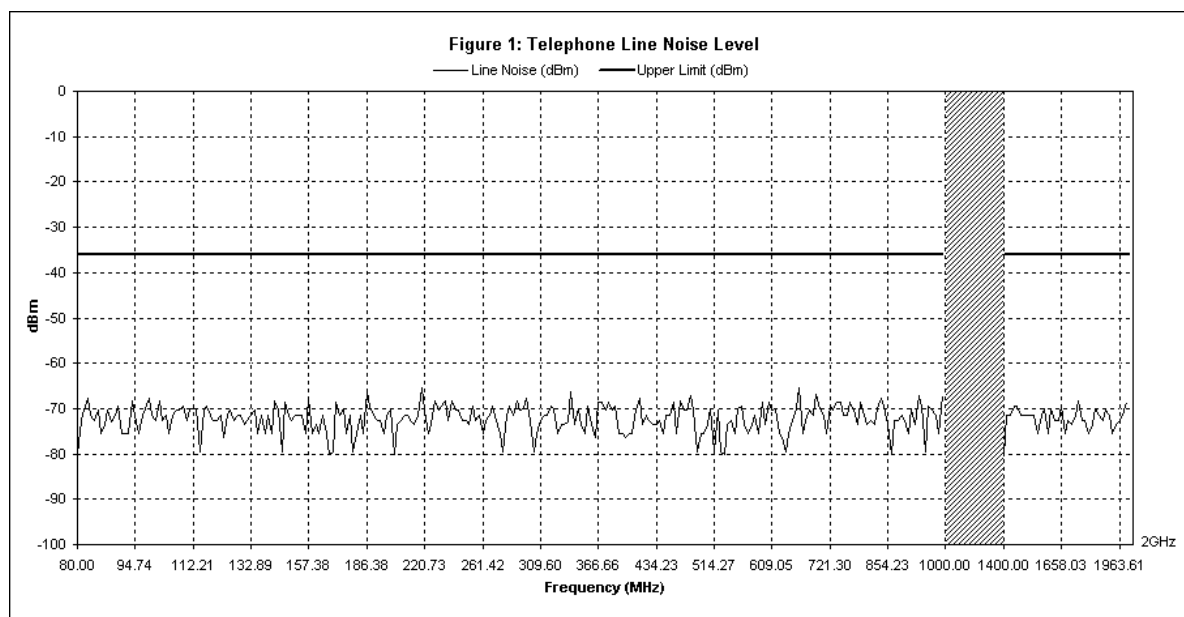
Model: CL-3333


Operating Mode: Handset On Line

Volume Setting: Max

Reference Level: -1 dBm

Antenna Orientation: Horizontal



 Frequency band is not applicable in the test

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.

Report No.: HK08040395-1(R1)

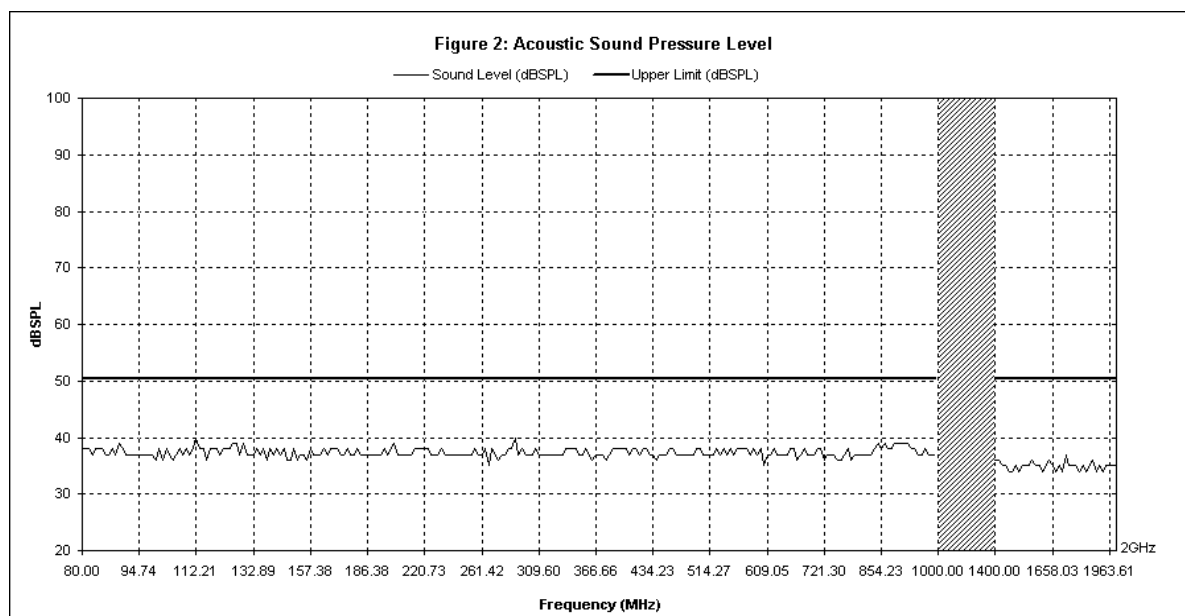
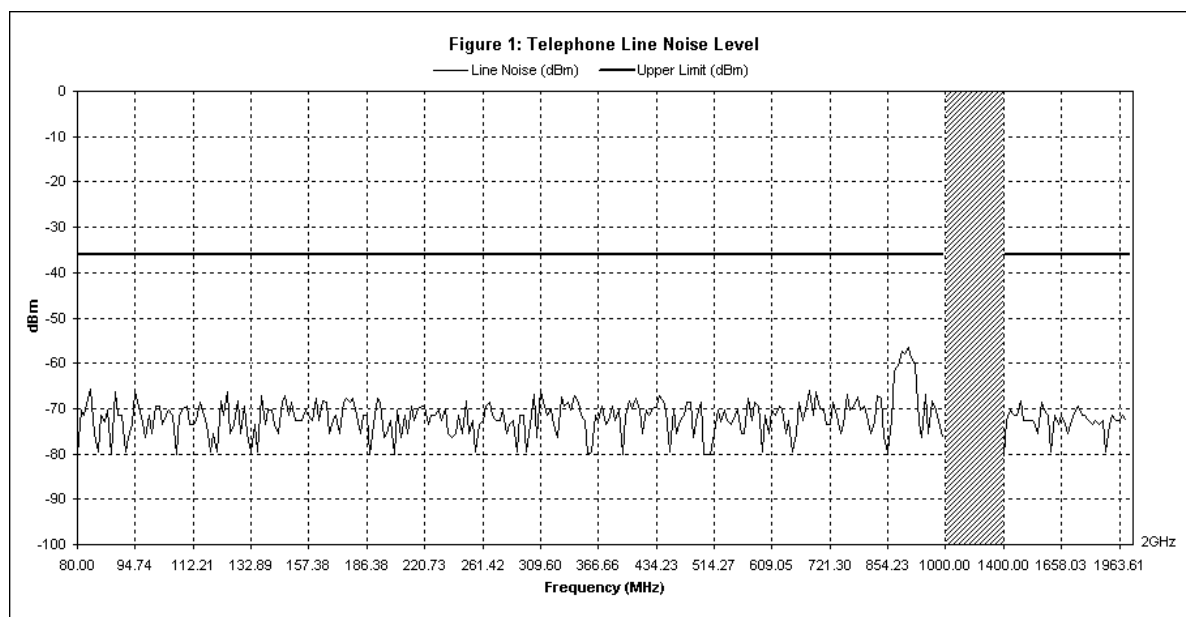
Model: CL-3333


Operating Mode: Handset On Line

Volume Setting: Max

Reference Level: -1 dBm

Antenna Orientation: Vertical



 Frequency band is not applicable in the test

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3333

Report No.: HK08040395-1(R1)

EN 61000-4-4 Electrical Fast Transient/Burst

Test Summary (Pursuant to EN 301 489-6)

Basic Standard:	EN 61000-4-4	
Port:	A.C. Power Lines and protective earth terminal	D.C. Power Lines, Signal Lines, Control Lines, and Telecommunications Ports
Required Performance Criterion:	TT & TR	
Level:	±1.0kV	±0.5kV
Test Duration:	1 minute per each polarity	
Test Mode:	Standby, Charging, Ringing, Handset On Line, Handsfree On Line, Incoming Caller ID, Redial	
Test Setup:	Table-top	
Generator Drive:	Internal	
Sequence of Application:	Each One	

Used Test Equipment

Equipment No.	Equipment	Manufacturer	Calibration Date	Next Calibration Due Date
EW-2413	CE Immunity Compact Tester : EN61000-4-X	TSEQ	25-Oct-07	25-Oct-08

INTERTEK TESTING SERVICES

Report No.: HK08040395-1(R1)

Test Results

EN 61000-4-4 Electrical Fast Transient/Burst

Port	Level	Result (Pursuant to EN 301489-6 meet TT & TR)
A.C. Power Lines and protective earth terminal	+1kV	OK
	-1kV	OK
D.C. Power Lines, Signal Lines, Control Lines and Telecommunications Ports	+0.5kV	OK
	-0.5kV	OK

☒ Additional Information

☒ No observable change

☐ The communication link of EUT could / could not be maintained and could / could not be recoverable by operator at ___ kV of Burst.

☐ EUT stopped operation and could / could not be reset by operator at ___ kV of Burst.

☐ EUT was in abnormal operation:
- operation mode was changed from ____ to ____ at ____ kV of Burst.

☐ _____

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3333

Report No.: HK08040395-1(R1)

EN 61000-4-5 Surge Immunity

Test Summary (Pursuant to EN 301 489-6)

Basic Standard:	EN 61000-4-5		
Port:	A.C. Power Lines		
	Phase And Neutral	Phase And Earth	Neutral And Earth
Level:	5 Positive And 5 Negative Surges		
	±1kV	±2kV	±2kV
Generator Impedance:	2 ohm	12 ohm	12 ohm
Required Performance Criterion:	TT & TR		
Repetition Rate:	1 minute		
Test Mode:	Standby, Charging, Ringing, Handset On Line, Handsfree On Line, Incoming Caller ID, Redial		
Test Setup:	Table-top		
Surge Generator Trigger:	Internal		
Installation Condition:	Class 3: Electrical environment where cables run in parallel.		
Phase Angle:	0°, 90°, 180°, 270°		

Used Test Equipment

Equipment No.	Equipment	Manufacturer	Calibration Date	Next Calibration Due Date
EW-2413	CE Immunity Compact Tester : EN61000-4-X	TSEQ	25-Oct-07	25-Oct-08

INTERTEK TESTING SERVICES

Report No.: HK08040395-1(R1)

Test Results

EN 61000-4-5 Surge Immunity

Level		Result (Pursuant to EN 301 489-6 meet TT & TR)
Between Phase And Neutral:	±1kV	OK
Between Phase And Earth:	±2kV	N/A
Between Neutral And Earth:	±2kV	N/A

☒ Additional Information

☒ No observable change

☐ The communication link of EUT could / could not be maintained and could / could not be recoverable by operator at ___ kV of Surge.

☐ EUT stopped operation and could / could not be reset by operator at ___ kV of Surge.

☐ EUT was in abnormal operation:
- operation mode was changed from ____ to ____ at ____ kV of Surge.

☐ _____

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3333

Report No.: HK08040395-1(R1)

EN 61000-4-6 Injected Current (0.15 MHz to 80 MHz)

Test Summary (Pursuant to EN 301 489-6)

Basic Standard:	EN 61000-4-6	
Port:	A.C. Power Lines	D.C. Power Lines, Signal Lines, Control Lines, and Telecommunications Ports
Required Performance Criterion:	CT & CR	
Level:	3.0V (rms)	3.0V (rms)
Test Modulation:	1 kHz, 80% AM	
Frequency:	0.15 MHz to 80 MHz	
Dwell Time:	1s	
Frequency Step:	1%	
Temperature:	23°C	
Relative Humidity:	50%	
Coupling Factor of CDN:	-1.0dB ~ -1.7dB	
Test Mode:	Standby, Charging, Ringing, Handset On Line, Handsfree On Line, Incoming Caller ID, Redial	
Test Setup:	Table-top	
Size of Base Unit:	10.2 (cm) x 10.2 (cm) x 10.2 (cm)	
Size of Handset Unit:	12.3 (cm) x 4.6 (cm) x 2.4 (cm)	
Equipment Under Test (EUT):	Multiple Unit	

Used Test Equipment

Equipment No.	Equipment	Manufacturer	Calibration Date	Next Calibration Due Date
EW-1455	Coupling Decoupling Network	SCHWARZBECK	20-Aug-07	20-Aug-08
EW-0892	RF Power Amplifier	AMP Research	Nil*	Nil*
EW-0992	ISN	R&S	16-May-07	16-May-08
EW-2114	6dB Attenuator DC to 1.5GHz	AEROFLEXINME	23-May-07	23-Jun-08
EW-1734	AM/FM Signal Generator	IFR	04-Dec-07	04-Dec-08

*The Equipment would be verified together with the test system before testing

Ctrl. No.: 11.1

INTERTEK TESTING SERVICES

Report No.: HK08040395-1(R1)

Test Results

EN 61000-4-6 Injected Current (0.15 MHz to 80 MHz)

Port:	Frequency (MHz)	Level	Result (Pursuant to EN 301 489-6 meet CT & CR)
A.C. Power Lines	0.15 to 80	3V (rms)	OK
D.C. Power Lines	0.15 to 80	3V (rms)	N/A
Signal Lines	0.15 to 80	3V (rms)	N/A
Telecommunications Ports	0.15 to 80	3V (rms)	OK

☒ Additional Information

- ☐ No observable change
- ☐ The communication link of EUT could / could not be maintained and could / could not be recoverable by operator.
- ☐ EUT stopped operation and could / could not be reset by operator.
- ☐ EUT was in abnormal operation:
- operation mode was changed from ____ to ____ at ____ V/m.
- ☒ The speech output signal level was monitored during test and was found to be at least 35dB less than the reference level recorded before the start of the test.
- ☒ The BER was found to be less than 1×10^{-3} during the test.

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.

Report No.: HK08040395-1(R1)

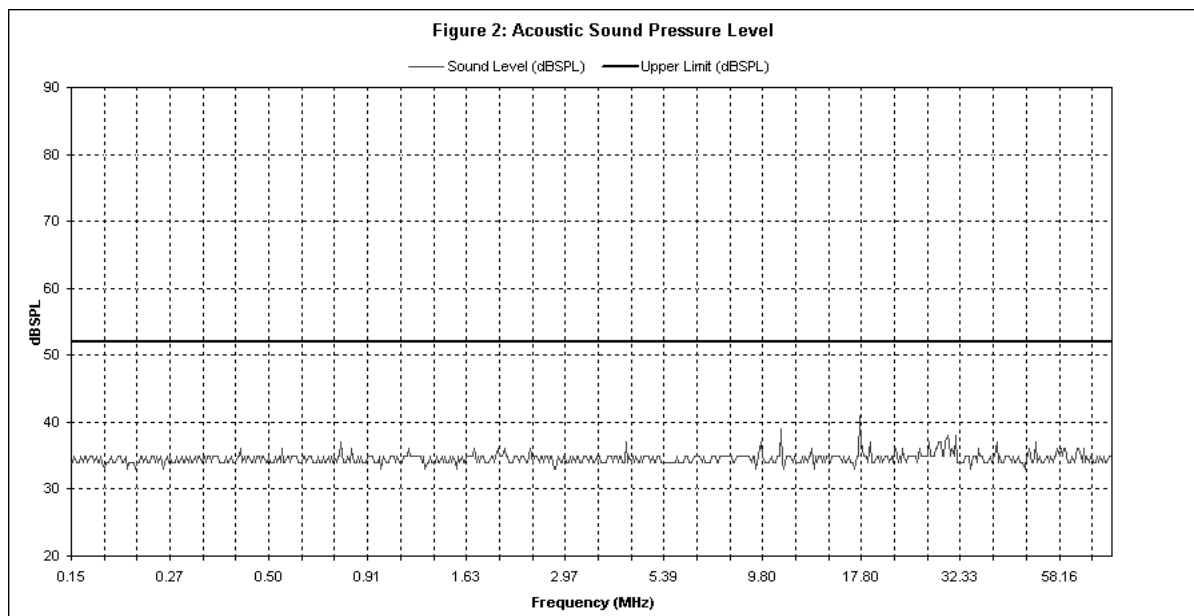
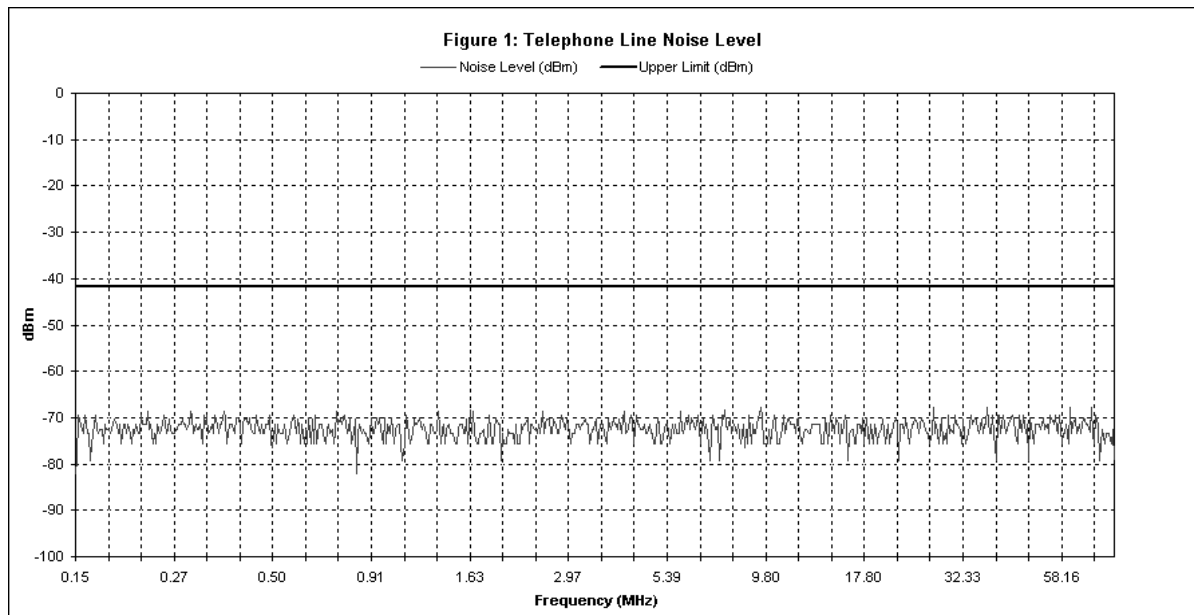
Model: CL-3333

Operating Mode: Handset On Line

Volume Setting: Max

Reference Level: -6.8 dBm

Tested Port: AC



INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.

Report No.: HK08040395-1(R1)

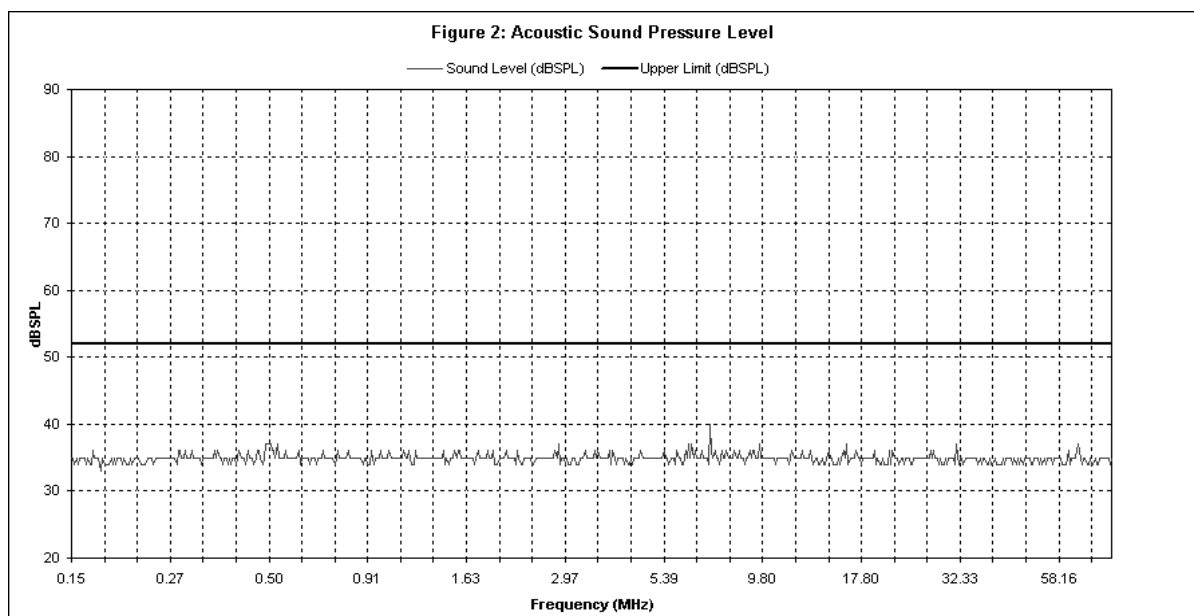
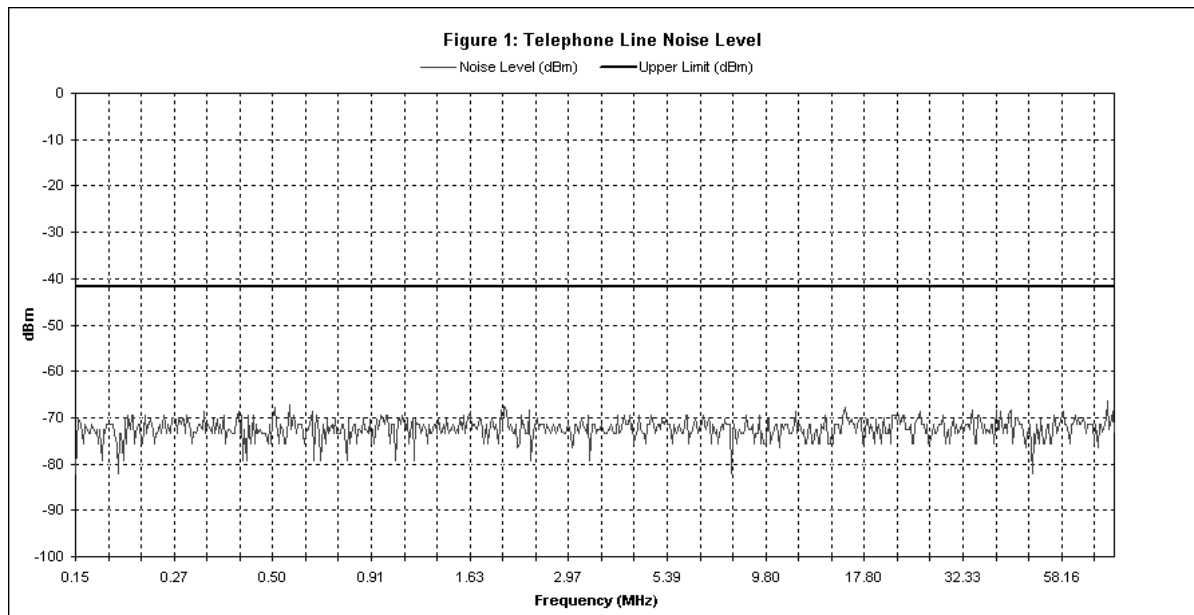
Model: CL-3333

Operating Mode: Handset On Line

Volume Setting: Max

Reference Level: -6.8 dBm

Tested Port: Telecommunication



INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3333

Report No.: HK08040395-1(R1)

EN 61000-4-11 Voltage Dips and Interruptions

Test Summary (Pursuant to EN 301 489-6)

Basic Standard	EN 61000-4-11		
Port:	A.C. Power Lines		
Level:	Test level in %U _T	Duration(s)	Required Performance Criterion
	70	0.01	TT & TR
	40	0.1	TT & TR
	0	5	TT & TR
No. of dips/interruptions:	3		
Test Mode:	Standby, Charging, Ringing, Handset On Line, Handsfree On Line, Incoming Caller ID, Redial		
Test Setup:	Table-top		

U_T is the rated voltage for the equipment.

Used Test Equipment

Equipment No.	Equipment	Manufacturer	Calibration Date	Next Calibration Due Date
EW-2413	CE Immunity Compact Tester	TESEQ	25-Oct-07	25-Oct-08

U_T is the rated voltage for the equipment.

INTERTEK TESTING SERVICES

Report No.: HK08040395-1(R1)

Test Results

EN 61000-4-11 Voltage Dips and Interruptions

Test condition		Result (Pursuant to EN 301 489-6)	
Test Level in %U _T	Duration(s)	Meet TT & TR (with battery back-up)	Meet TT & TR (No battery back-up)
70	0.01	N/A	OK
40	0.1	N/A	OK
0	5	N/A	OK

☒ Additional Information

- ☐ No observable change
- ☐ The communication link of EUT could / could not be maintained and could / could not be recoverable by operator at ___ % reduced supply voltage.
- ☐ EUT stopped operation and could / could not be reset by operator at ___ % reduced supply voltage.
- ☐ EUT was in abnormal operation:
- operation mode was changed from ___ to ___ at ___ % reduced supply voltage.
- ☒ EUT turned off at 40%U_T and 0%U_T test level with 0.1s and 5s duration respectively. It could resume to normal after the test.

INTERTEK TESTING SERVICES
TO OUR CLIENTS
GUIDELINES
FOR COMPLETING A
DECLARATION OF CONFORMITY

There are many Directives and Standards in place, and you should assure yourself that the correct ones have been applied to your product.

The attached blank Declaration of Conformity complies with the format published in the Official Journal of the European Community. To complete the form:

1. List all applicable Directives, by number, on the top lines.

e.g. 88/378/EEC for Toy Directive
2004/108/EC for EMC Directive
2006/95/EC for Low Voltage Directive
93/68/EEC for CE Marking Directive
1999/5/EC for R&TTE Directive
2. List the Standards under these Directives to which conformity is being declared. Intertek Testing Services test report(s) which you should retain to support your declaration contain this information.
3. Add manufacturer's and importer's name and address. The importer should be located within the EU.
4. Specify the type of equipment and model. You may list a block of serial numbers corresponding to the import quantity during the year of manufacture shown.
5. The Declaration of Conformity should be signed by the manufacturer or his authorized representative established within the EU.

NOTES:

- A. A COPY OF THE DECLARATION MUST ACCOMPANY IMPORT PAPERS INTO THE EC. ADDITIONAL COPIES MAY ALSO BE SUPPLIED IN EACH PRODUCT CARTON, WITH EACH PALLETIZED SHIPMENT, IN THE INSTRUCTION MANUAL OR ON THE WARRANTY CARD.
- B. THE IMPORTER OR THE MANUFACTURER'S AUTHORIZED REPRESENTATIVE MUST KEEP THE DECLARATION OF CONFORMITY AND THE TEST REPORTS AT THE DISPOSAL OF THE AUTHORITIES FOR A PERIOD OF TEN YEARS AFTER THE EQUIPMENT HAS BEEN PLACED ON THE MARKET.

Declaration of Conformity

Application of Council Directive(s):

Standard(s) to which Conformity is Declared:

Manufacturer's Name :

Manufacturer's Address :

.....

Import's Name :

Import's Address :

.....

Type of Equipment :

Model No. :

Serial No. :

Year of Manufacturer :

I, the undersigned, hereby declare that the equipment specified above conforms to the above Directive(s) and Standard(s).

Place :

(Signature)

Date :

(Full Name)

(Position)